

L Number	Hits	Search Text	DB	Time stamp
1	34	gassenmeier-thomas.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 14:21
2	19	millhoff-juergen.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 14:23
3	58	schmiedel-peter.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 14:25
4	12	rybinski-wolfgang-von.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 14:54
5	17	krupp-ute.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 14:55
6	174	(percarbonate or peroxy adj1 carbonate) same (coat\$3 or encapsulat\$4 or spray\$3 or surround\$3 or clad or sheath or shell) same (stearic or fatty adj1 acid)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 16:09
7	22	(percarbonate or peroxy adj1 carbonate) same (coat\$3 or encapsulat\$4 or spray\$3 or surround\$3 or clad or sheath or shell) near8 (stearic or fatty adj1 acid)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 16:14
8	7	(percarbonate or peroxy adj1 carbonate) near6 (coat\$3 or encapsulat\$4 or spray\$3 or surround\$3 or clad or sheath or shell) near8 (stearic or fatty adj1 acid)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 16:14
9	35	(bleach\$3 or peroxy) near6 (coat\$3 or encapsulat\$4 or spray\$3 or surround\$3 or clad or sheath or shell) near8 (stearic or fatty adj1 acid) and percarbonate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 16:15

PAT-NO: JP409316496A

DOCUMENT-IDENTIFIER: JP 09316496 A

TITLE: BLEACHING AGENT

PUBN-DATE: December 9, 1997

INVENTOR-INFORMATION:

NAME	COUNTRY
REINHARDT, GERD DR	N/A
FRIDERICHs, VERA	N/A
BORCHERS, GEORG	N/A

ASSIGNEE-INFORMATION:

NAME	COUNTRY
HOECHST AG	N/A

APPL-NO: JP09036409

APPL-DATE: February 20, 1997

INT-CL (IPC): C11D007/54, C11D003/386 , C11D003/39 , C11D003/395 ,
C11D007/38
, C11D007/42

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a new bleaching agent comprising a peracid salt coated with a specific coating agent and an enzyme, capable of suppressing the interaction of mutual actions of the peracid salt and the enzyme at the starting of a cleaning process, effectively and efficiently using both the systems and excellent in cleaning effects.

SOLUTION: This bleaching agent comprises (A) a peracid salt (preferably sodium percarbonate) coated with a coating agent comprising an 8-18C fatty acid

(e.g. lauric acid), a wax (e.g. paraffin wax) or a silicone oil, (B) an enzyme (e.g. protease or lipase) and optionally (C) a bleaching activator (preferably aminonitrile) or (D) a bleaching catalyst (preferably peroxometallate, etc.). The content of the component A is 70-90wt.% and that of the component B is 0.2-5wt.%. When the component C is used, the component C is preferably used in 1-25wt.% concentration. When the component D is used, it is preferably used in 0.005-5wt.% concentration. The content of the coating agent in the component A is preferably 5-30wt.%.

COPYRIGHT: (C)1997,JPO